Index of Claims

| Applic | cation/Co | ontrol No. |
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09/940,666

Examiner

Applicant(s)/Patent under Reexamination

BENZ ET AL.

Art Unit

Michael Burleson

2626

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| - | (Through numeral)<br>Cancelled |
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| 1 | Interference |

| A | Appeal   |
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| E      | Claim       |  |  | Date         |         |                |        | Cl       | aim |   |                   | Da            | te                      |                    |                 | Cla | aim  |          |                |           | Date     | е  |                       |          |          |
|--|-------------|--|--|--------------|---------|----------------|--------|----------|-----|---|-------------------|---------------|-------------------------|--------------------|-----------------|-----|------|----------|----------------|-----------|----------|--|-----------------------|----------|----------|
| 10   |             | jv   |  |              | 1 1     |                | 7      |          | -F  |   |                   |               | П                       |                    |                 |     | =    | $\neg$   |                |           | Г        |  | П                     |          |          |
| 10   | a rig       | 읡  |  |              |         |                |        | <u>a</u> | ij  |   |                   |               | 1 1                     |                    |                 | ומר | įį   | -        |                |           | 1        |  |                       | ļ        |          |
| 10   | 훈   훈       | 18   |  |              |         |                |        | 這        | Ĕ   | 1   |                   |               |                         |                    |                 | ίĒ  | کباز |          |                |           |          |  | l l                   |          |          |
| \$\frac{5}{2} \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \  | I I -       | 4  |  |              |         |                |        |          |     |   |                   |               |                         |                    |                 |     |      | $\Box$   |                |           |          |  | Ш                     |          | J        |
| 3   V  |             |  |  |              |         |                |        |          |     |   |                   |               |                         |                    |                 |     |      |          |                | L         |          |  |                       | $\Box$   |          |
| 4   4   7   54   7   104   7   105   105   106   7   7   7   7   7   7   7   7   7   |             |  |  |              |         |                |        |          |     |   |                   |               |                         |                    |                 |     |      |          |                | $\perp$   |          |  |                       |          |          |
| 55   V   |             |  |  |              |         |                |        |          | 53  |   |                   |               |                         |                    |                 |     | 103  |          |                |           |          |  |                       |          |          |
| 6   V  |             |  |  |              | $\perp$ |                |        |          | 54  |   | Ш                 |               | $\sqcup$                |                    |                 |     | 104  |          |                | $\perp$   | L        | 乚  | Ш                     | $\sqcup$ |          |
| T  |             |  |  |              |         |                | _      |          |     |   | $\sqcup$          |               |                         | Ш                  |                 |     | 105  |          |                |           | L        |  |                       | $\Box$   |          |
| S  |             |  | $\Box$   |              | $\perp$ |                | _ !!!! |          |     |   | Ш                 |               |                         |                    |                 |     | 106  |          |                | $\perp$   | _        |  | Ш                     | $\sqcup$ |          |
| 9  | <del></del> |  |  |              | 1       |                | _ :::  | <u> </u> |     |   | $\bot$            |               | $\perp \perp$           | $\perp$            |                 |     | 107  | _        |                | ┸         | <u> </u> |  | Ш                     | _        |          |
| 100   V  |             |  |  |              | 4-4     | $\perp$        | _      |          | 58  |   | 1-1               | $\perp$       | $\perp \perp$           | $\perp$            | Ш               |     | 108  |          | _              | _         | 上        | <u></u>  | $\sqcup$              | _        |          |
| 11    V  | 9           |  |  |              | -       |                | _      |          | 59  |   | $\perp$           |               | $\perp$                 | $oldsymbol{\perp}$ | Ш               |     | 109  |          | _ _            | ┸         | ┖        | _  | Ш                     | _        |          |
| 112   V  | 100         | '\ \   |  |              | 1       |                | _      |          |     |   | $\sqcup$          | $\perp$       | $\perp \perp$           | 44                 | Ш               |     |      | _        |                | ┸         | <u> </u> | L  | Ш                     | $\dashv$ | _        |
| 13   V   |             |  | $\sqcup \sqcup$                                  | $oxed{oxed}$ | $\perp$ |                | 4      | <u> </u> | 61  | $\sqcup \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \!$ | $\perp \perp$     |               | 11.                     | 44                 | Ш               |     | 111  |          | _ _            | 1         | <u> </u> | Ш  | Ш                     | $\dashv$ | _        |
| 14    N  |             |  | $\sqcup \sqcup$                                  |              | 1       |                | 4      |          |     | _   | 1-1               |               | $\bot$                  | 4                  |                 |     | 112  | _        |                | 1         | _        | <u> </u>   | $\sqcup$              | _        | ᅬ        |
| 15   V   |             |  | $\sqcup\sqcup$                                   | $\perp$      | $\perp$ | $\perp$        | 4      | <u> </u> |     | _   | 1-1               |               | $\downarrow \downarrow$ | $\perp$            | Щ               |     |      |          | _ _            | 4_        | $\vdash$ | L  | Ш                     |          | _        |
| 16 0   0   0   0   0   0   0   0   0   0   | 14          |  | $\sqcup \sqcup$                                  |              | 4-1     |                | 4      | <u> </u> | 64  |   | $\perp$           | _             | $\sqcup$                | $\perp$            | Щ               |     | 114  | _        |                | 1         | _        | <u> </u>   | $\square$             | _        | _        |
| CD   |             |  |  |              | 4-4     |                | 4      |          |     |   | 1                 | _             | $\sqcup$                |                    | $\square$       |     | 115  |          | _              |           | 1_       | $\vdash$   | Ш                     | _        | ᆜ        |
| 18 =   68   19   19   10   69   119   120   120   120   121   121   121   122   122   122   122   123   123   123   124   124   125   125   125   126   126   126   127   127   127   128   128   129   130   130   131   131   131   131   131   131   131   131   131   133   133   133   133   133   134   134   134   134   135   135   136   136   136   136   137   138   138   139   140   140   141   141   144   145   145   144   144   144   144   145   145   144   144   144   145   145   144   144   145   145   144   144   145   145   144   144   145   145   144   144   145   145   144   144   145   145   144   144   144   145   145   144   144   145   145   144   144   145   145   144   145   145   144   145   145   144   145   145   144   144   145   145   144   145   144   144   145   145   144   145   144   145   144   145   144   145   144   145   144   145   144   145   144   145   144   145   144   145   144   145   145   145   144   145   144   145   145   144   145   145   144   145   145   144   145   144   145   144   145   144   145   144   145   144   145   144   145   144   145   144   145   144   145   145   144   145   144   145   144   145   144   145   144   145   144   144   145   145   144   144   145   14 | 16          |  |  |              | 1.1     |                | _      | <u> </u> | 66  |   | $\perp$           |               | 1                       |                    |                 |     | 116  |          |                | 1         | <u> </u> | Ш  | $\sqcup$              | $\dashv$ | ႕        |
| 19   |             |  | <del>                                     </del> |              | $\bot$  | $\sqcup \bot$  | 4      | <u> </u> |     | oxdot   | +                 |               | 1-1                     | -                  | Щ               |     |      | _        |                | 1         | $\vdash$ | $\vdash$   | $\sqcup$              | $\dashv$ | _        |
| 120  |             | ᆂ _  |  |              | $\bot$  |                | 4!!!   | <u></u>  |     | $\perp$   | 1                 |               | ┼-┼-                    |                    | Ш               |     | 118  | _        |                | ┸         |          | L_   | $\vdash$              | _        | _        |
| 21 71 121 122 122   23 73 123 123 123 123   24 74 124 125 125 126 126 127 127 127 128 128 128 128 128 128 128 128 129 129 129 130 130 130 131 131 131 131 131 131 131 132 133 133 133 133 133 133 133 133 133 133 133 133 133 133 133 134 134 135 136 136 136 136 137 138 138 138 138 138 138 138 138 138 138 138 138 138 138 138 138 138 138 139 140 141 141 141 141 141 142 143 144 144 144 144 144 144 144 144 144 144 145 145 145 145 145 145 145 145 145 145 145 145 145 145 145 <td< td=""><td></td><td><math>\bot\bot</math></td><td><math>\vdash \vdash</math></td><td></td><td>+</td><td>-</td><td>4</td><td></td><td>69</td><td></td><td>+</td><td></td><td>+</td><td><math>\perp</math></td><td>Ш</td><td></td><td>119</td><td></td><td></td><td>4</td><td>╙</td><td>L</td><td><math>\vdash</math></td><td>_</td><td>_ </td></td<>  |             | $\bot\bot$                                       | $\vdash \vdash$                                  |              | +       | -              | 4      |          | 69  |   | +                 |               | +                       | $\perp$            | Ш               |     | 119  |          |                | 4         | ╙        | L  | $\vdash$              | _        | _        |
| 22     72     122     123     123     123     123     123     123     123     124     124     124     124     125     125     125     125     125     126     126     126     127     127     127     127     127     127     127     127     128     128     128     128     129     129     129     129     129     130     130     130     131     131     131     131     131     131     132     132     132     132     133     133     133     133     133     133     134     134     134     134     134     134     134     134     134     135     135     135     135     135     135     136     136     136     137     137     137     137     137     138     138     138     138     138     139     140     141     141     141     141     141     141     142     142     142  |             | +  | <del>  </del>                                    |              |         | _              | _      |          | 70  | $\perp$   | +                 | _             | $\perp$                 | _                  |                 |     | 120  | _        |                | ↓_        | _        | <u> </u>   | $\vdash$              | $\dashv$ | _        |
| 23   123   124   124   124   125   125   125   125   126   126   126   126   127   127   127   127   127   128   128   128   129   129   129   129   129   130   131   131   131   131   131   131   131   132   132   132   132   132   133   133   133   133   133   133   133   134   134   134   134   135   135   135   136   136   137   137   137   137   137   137   138   138   138   138   139   140   140   141   141   141   142   143   143   144   144   144   144   144   144   144   144   144   144   144   145   14  |             | ++   | $\vdash$   |              | 4-1     |                | 4      |          | 71  | $\perp$   | $\perp$           | $\perp$       | 1-1-                    |                    | Ш               |     | 121  |          |                | $\bot$    | <u> </u> | <u> </u>   | $\sqcup$              | $\dashv$ | _        |
| 24   74   124   125   125   125   126   126   126   126   126   127   127   127   127   127   127   128   129   129   129   129   129   130   130   130   131   131   132   133   133   131   132   132   132   132   133   133   134   134   134   134   134   135   135   136   135   135   136   137   138   138   138   138   138   138   139   140   141   141   141   141   141   141   141   141   142   143   144   144   144   144   144   144   144   145  |             |  | <u> </u>   |              |         |                | 4      |          | 72  | $\vdash$  | $\perp$           |               | 11-                     | +                  | Ш               |     | 122  | _        |                | $\bot$    | $\vdash$ | $\vdash$   | ${oldsymbol{\sqcup}}$ | $\dashv$ | _        |
| 25   75   125   126     27   76   126   127     28   78   128   129     30   80   130   130     31   81   131   131     32   82   132   132     33   83   133   133     34   84   134   134     35   85   136   136     37   87   137   138     39   88   138   139     40   90   140   141     41   91   141   142     43   93   143   144     44   94   144   144     45   95   145   145  |             | <del></del>                                      | $\vdash$   |              |         |                | 4      |          | 73  |   | +                 |               | ++                      | -                  | Ш               |     | 123  | _        |                | ╀         | $\vdash$ | <u> </u>   | $\vdash \vdash$       | -        | 긕        |
| 26   76   126     27   77   127     28   78   128     29   79   129     30   80   130     31   81   131     32   82   132     33   83   133     34   84   134     35   85   135     36   86   136     37   87   137     38   88   138     39   89   139     40   90   140     41   91   141     42   92   142     43   93   143     44   94   144     45   95   145  | 24          | <del>                                     </del> | $\vdash$   |              | +       |                | -      |          | 74  | $\vdash$  | +                 |               |                         | +                  | Ш               |     | 124  | _        | _              | ╀         | _        | ├-   | $\vdash$              |          | ᅴ        |
| 27   28   77   127   128   128   129   129   129   129   130   130   131   131   131   131   131   132   132   132   132   133   133   133   133   133   133   133   134   134   134   134   134   134   134   134   135   135   135   135   135   136   136   136   136   137   137   137   137   137   137   137   138   138   138   138   139   140   140   141   141   141   141   141   142   142   142   144   145<  |             | +  | <del>  </del>                                    |              | 1-1     | $\vdash$       | -      | <u> </u> | 75  | $\vdash$  | +                 |               | ++                      |                    |                 |     | 125  | _        |                | +         | ┢        | <u> </u>   | $\vdash$              | -        | ᅴ        |
| 28   78   128   129     30   80   130   130     31   81   131   131     32   82   132   133     33   84   134   134     35   85   135   135     36   86   136   137     38   88   138   138     39   88   138   139     40   90   140   141     41   91   141   141     42   92   142   143     43   94   144   144     44   94   144   144     45   95   145   145  |             | +  | ├  |              | +       |                | -      | -        | 77  | $\vdash$  | +                 | +             | +                       | +                  | Н               |     | 120  |          | $\dashv$       | +         | $\vdash$ | ├  | $\vdash$              |          | ᅴ        |
| 29   79   129     30   80   130     31   81   131     32   82   132     33   83   133     34   84   134     35   85   135     36   86   136     37   87   137     38   88   138     39   90   140     40   90   140     41   91   141     42   92   142     43   93   143     44   94   144     45   95   145  |             | + +  | <del>├─</del> ├─                                 | +            | +       | -              | -      | -        | 70  | $\vdash$  | +                 | +             | ╁╾┼                     |                    | H               |     | 127  |          | +              | +         | ╁        | ┝┈   | $\vdash$              | -        | $\dashv$ |
| 30   80   130     31   81   131     32   82   132     33   83   133     34   84   134     35   85   135     36   86   136     37   87   137     38   88   138     39   89   139     40   90   140     41   91   141     42   92   142     43   93   143     44   94   144     45   95   145  |             | + + -  | <del>                                     </del> |              | +       | -              | -      | -        |     | $\vdash$  | +                 | +             | +                       |                    | Н               |     | 120  | -        |                | +         | ╀        | ├-   | $\vdash$              | $\dashv$ | $\dashv$ |
| 31   81   131   132   132   132   133   133   133   133   133   133   133   133   133   133   134   134   134   134   134   135   135   135   135   135   136   136   136   136   137   137   137   137   137   138   138   138   138   138   139   139   139   140   140   141   141   141   141   141   142   142   142   143   144   144   144   144   144   145  |             | +  -   | <del>                                     </del> | +            | +       | -              | - !!!  | <u> </u> |     | $\vdash$  | +                 | +             | +-+                     |                    | H               |     | 129  | $\dashv$ |                | +         | ╁        | ⊢  | $\vdash$              | $\dashv$ | $\dashv$ |
| 32   82   132   133     33   83   133   133     34   84   134   134     35   85   135   136     36   86   136   137     38   87   137   137     38   88   138   138     39   89   139   139     40   90   140   141     41   91   141   141     42   92   142   142     43   93   143   144     44   94   144   144     45   95   145   145  |             | +  | +-   | -            | +       | -              | -      |          |     |   | +                 | +             | ++                      |                    | H               |     | 130  | -        | +              | +         | $\vdash$ | ⊢  | $\vdash$              | $\dashv$ | $\dashv$ |
| 33   83   133     34   84   134     35   85   135     36   86   136     37   87   137     38   88   138     39   89   139     40   90   140     41   91   141     42   92   142     43   93   143     44   94   144     45   95   145  |             | ++   | $\vdash\vdash$                                   | $\vdash$     | +       | $\dashv$       | -      | <b>—</b> | 82  | - -   | + +               | +             | ++                      | +-                 | H               |     | 131  |          | +              | +         | $\vdash$ | $\vdash$   | $\vdash$              | $\dashv$ | $\dashv$ |
| 34   84   134   135     35   85   135   136     36   86   136   137     37   87   137   137     38   88   138   138     39   89   139   139     40   90   140   141     41   91   141   141     42   92   142   142     43   93   143   144     44   94   144   144     45   95   145   145  |             | ++   | ++   | +            | +       | $\dashv$       | -      |          |     | -   | +                 | +             | ++                      | $\dashv$           | $\dashv$        |     |      |          |                | +         | +        | $\vdash$   | $\vdash \vdash$       | $\dashv$ | $\dashv$ |
| 35   85   135     36   86   136     37   87   137     38   88   138     39   89   139     40   90   140     41   91   141     42   92   142     43   93   143     44   94   144     45   95   145  |             | 1-1-   | ++-  | +            | +       | $\dashv$       | -      | -        | 84  | $\vdash$  | +                 |               | ++                      | $\dashv$           | $\vdash \vdash$ |     | 134  | $\dashv$ | $\dashv$       | +         | ╁        | -  | $\vdash \vdash$       | $\dashv$ | $\dashv$ |
| 36   86   136     37   87   137     38   88   138     39   89   139     40   90   140     41   91   141     42   92   142     43   93   143     44   94   144     45   95   145  |             | +  | $\vdash$   | -            | ++      | $\dashv$       | -      | -        |     | $\vdash$  | ╅                 | +             | ++                      | $\dashv$           | $\vdash$        |     | 135  | $\dashv$ | <del></del>    | +         | ╁        | $\vdash$   | ┝┼                    | $\dashv$ | ᅱ        |
| 37   87   137     38   88   138     39   89   139     40   90   140     41   91   141     42   92   142     43   93   143     44   94   144     45   95   145  |             | +-   | <del>                                     </del> | +            | +       | $\dashv$       |        |          |     | $\vdash$  | ╅┪                | -+            | ╅                       | +                  | $\vdash$        |     | 136  | $\dashv$ | $\dashv$       | +         | ╁        | $\vdash$   | $\vdash$              | $\dashv$ | $\dashv$ |
| 38 88   39 90   40 91   41 91   42 92   43 93   44 94   45 95  |             | +  | H  | +            | +-1     | -+             | ۱      | -        |     | $\dashv$  | ++                |               | 1 +                     | +                  | $\vdash$        |     | 137  |          |                | +         | $\vdash$ | $\vdash$   | $\vdash$              | $\dashv$ | $\dashv$ |
| 39 89   40 90   41 91   42 92   43 93   44 94   45 95  |             | ++   | ++   | +            | +       | $\dashv$       | ⊣      | -        |     | $\vdash\vdash$  | + +               | +             | ++                      | +                  | H               |     |      | $\dashv$ | $\dashv$       | +         | $\vdash$ | $\vdash$   | $\vdash$              | -        | 一        |
| 40 90   41 91   42 92   43 93   44 94   45 95  |             | +  |  | $\vdash$     | +       |                | ۱      | <u> </u> |     |   | ++                | +             | ++                      | 1                  | $\vdash$        |     | 139  | $\dashv$ | $\dashv$       | +         | +        | <del> </del>                                     | $\vdash$              | -        | $\dashv$ |
| 41 91 141   42 92 142   43 93 143   44 94 144   45 95 145  |             | $\dagger \dagger$                                | $\vdash$   | $\dashv$     | + 1     | $\neg \dagger$ | ۱      | -        |     |   | $\dagger$         |               | 1-1                     | +                  | Н               |     |      | $\dashv$ | $\dashv$       | +-        | $\vdash$ | <del>                                     </del> | H                     | $\dashv$ | $\dashv$ |
| 42 92   43 93   44 94   45 95  |             | 1-1-   | $\Box$   | $\dashv$     | 1-1     | $\dashv$       | ١!!    |          |     |   | + +               |               | 1 +                     | $\dashv$           | $\Box$          |     |      | $\dashv$ | _              | +         | $\vdash$ |  | H                     | $\dashv$ | $\dashv$ |
| 43 93   44 94   45 95  |             | 1 "1   |  | $\vdash$     | +-+     | $\dashv$       | ٦      |          |     |   | ╅                 | +             | 1 +                     | _                  | Н               |     |      | $\dashv$ |                | $\dagger$ | t        | <del>                                     </del> | H                     | _        | $\dashv$ |
| 44 94 144 145 145 145 145 145 145 145 145 14   |             | <del>    -</del>                                 | $\sqcap$   |              | + +     | $\dashv$       | ١      |          |     | $\dashv$  | ╅┪                | +             | 1-1                     | $\top$             | Н               |     | 143  | $\dashv$ |                | +         | 1        | <del> </del>                                     |                       | _        | ᅱ        |
| 45 95 145  |             | 1 1  |  |              | +-1     | _              | 7!!!   |          |     |   | $\dagger \dagger$ | _             | 1-                      | $\top$             | $\vdash$        |     |      | $\dashv$ | $\neg \dagger$ | $\top$    | t        | $\vdash$   | Н                     | $\dashv$ | ᅱ        |
|  |             | 1 1  |  | $\vdash$     | +       | 十              | 7      |          | 95  |   | +                 | $\neg \vdash$ | $\dagger \dagger$       | $\dashv$           | $\vdash$        |     | 145  | $\dashv$ | $\neg \dagger$ | +         | t        | $t^-$  | H                     | $\dashv$ | $\dashv$ |
| 46 96 146 146  |             | 11   | $\Box$   |              | $\top$  | $\neg$         | 7111   |          |     | $\dashv$  | +                 |               | ++                      | $\top$             | H               |     |      | $\dashv$ | $\dashv$       | T         | t        | <del>                                     </del> | $\vdash$              | $\dashv$ | $\dashv$ |
| 47 97 147  |             | $\Box$   |  | $\dashv$     | 17      |                | 7111   |          |     | +   | 1                 | -             | 1-+                     | +                  | Н               |     | 147  | $\dashv$ | -+             | +-        | †        | 1  | -                     | $\dashv$ | ᅱ        |
| 48 98 148  |             |  |  | $\vdash$     | 17      | $\neg$         | ۱      |          |     | $\vdash$  | +-+               | $\neg$        | +                       | $\dashv \dashv$    | $\vdash$        |     | 148  |          | $\dashv$       | T         | t        | <del>                                     </del> | H                     | $\dashv$ | $\dashv$ |
| 49 99 149  |             | $\dagger \dagger$                                |  | $\vdash$     | 17      | $\neg$         | 7      |          |     |   | 1 1               | +             | ++                      | +                  |                 |     |      | $\dashv$ | $\dashv$       | +-        | $\vdash$ |  | $\vdash$              | $\dashv$ | $\dashv$ |
|  | 50          |  | $\Box\Box$                                       | $\dashv$     |         |                | 7      |          | 100 |   | 1 1               | _             | ++                      | $\dashv \dashv$    | П               |     | 150  | 一        | _              | +         | t        | $\vdash$   | $\sqcap$              | $\dashv$ | $\neg$   |